

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/699,667A

DATE: 08/17/2001

TIME: 14:26:26

Input Set : A:\258-235.txt

Output Set: N:\CRF3\08172001\I699667A.raw

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TYPE

7 / K.T.

11-15-01

RAW
SEQ

Listing

ENTERED

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3 <110> APPLICANT: Perreault, Jean-Pierre
4       Ananvoranich, Sirinart
5       Lafontaine, Daniel
6       Universite de Sherbrooke
8 <120> TITLE OF INVENTION: Nucleic Acid Enzyme for RNA Cleavage
10 <130> FILE REFERENCE: 77473-12, 258/235
12 <140> CURRENT APPLICATION NUMBER: US/09/699,667A
13 <141> CURRENT FILING DATE: 2000-10-30
15 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00391
16 <151> PRIOR FILING DATE: 1999-04-29
18 <150> PRIOR APPLICATION NUMBER: CA 2,230,203
19 <151> PRIOR FILING DATE: 1998-04-29
21 <160> NUMBER OF SEQ ID NOS: 54
23 <170> SOFTWARE: PatentIn Ver. 2.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 11
27 <212> TYPE: RNA
28 <213> ORGANISM: Artificial Sequence
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31 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
32     sequence comprised of ribonucleotides or a
33     combination of ribonucleotides and
34     deoxyribonucleotides
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (1) ... (11)
39 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
41 <400> SEQUENCE: 1
W--> 42 nnrhgnnhnn n 11
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 11
46 <212> TYPE: RNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
51     sequence comprised of ribonucleotides or a
52     combination of ribonucleotides and
53     deoxyribonucleotides
55 <220> FEATURE:
56 <221> NAME/KEY: misc_feature
57 <222> LOCATION: (6) ... (11)
58 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
60 <400> SEQUENCE: 2
W--> 61 rrrhgnnhnn n 11
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 11
65 <212> TYPE: RNA

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66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
70     sequence comprised of ribonucleotides or a
71     combination of ribonucleotides and
72     deoxyribonucleotides
74 <220> FEATURE:
75 <221> NAME/KEY: misc_feature
76 <222> LOCATION: (6) ... (11)
77 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
79 <400> SEQUENCE: 3
W--> 80 gggcgnnunn n                                     11
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 11
84 <212> TYPE: RNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
89     sequence comprised of ribonucleotides or a
90     combination of ribonucleotides and
91     deoxyribonucleotides
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (6) ... (11)
96 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
98 <400> SEQUENCE: 4
W--> 99 gggcgnnhnn n                                     11
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 11
103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
108     sequence comprised of ribonucleotides or a
109     combination of ribonucleotides and
110     deoxyribonucleotides
112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (6) ... (11)
115 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
117 <400> SEQUENCE: 5
W--> 118 gggugnnunn n                                     11
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 12
122 <212> TYPE: RNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
127     sequence comprised of ribonucleotides or a

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128      combination of ribonucleotides and
129      deoxyribonucleotides
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (6) ... (12)
134 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
136 <400> SEQUENCE: 6
W--> 137 gggugnnncnn nn 12
139 <210> SEQ ID NO: 7
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141 <212> TYPE: RNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
146      sequence comprised of ribonucleotides or a
147      combination of ribonucleotides and
148      deoxyribonucleotides
150 <220> FEATURE:
151 <221> NAME/KEY: misc_feature
152 <222> LOCATION: (6) ... (11)
153 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
155 <400> SEQUENCE: 7
W--> 156 aaacgnnunn n 11
158 <210> SEQ ID NO: 8
159 <211> LENGTH: 11
160 <212> TYPE: RNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
165      sequence comprised of ribonucleotides or a
166      combination of ribonucleotides and
167      deoxyribonucleotides
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (6) ... (11)
172 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
174 <400> SEQUENCE: 8
W--> 175 yhrhgnnnhnn n 11
177 <210> SEQ ID NO: 9
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179 <212> TYPE: RNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
184      sequence
186 <400> SEQUENCE: 9
187 gggcgggucg g 11
189 <210> SEQ ID NO: 10
190 <211> LENGTH: 10

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191 <212> TYPE: RNA
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201 <210> SEQ ID NO: 11
202 <211> LENGTH: 11
203 <212> TYPE: RNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
208     sequence
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211 gggcaggucg g
213 <210> SEQ ID NO: 12
214 <211> LENGTH: 11
215 <212> TYPE: RNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
220     sequence
222 <400> SEQUENCE: 12
223 gggccggucg g
225 <210> SEQ ID NO: 13
226 <211> LENGTH: 11
227 <212> TYPE: RNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
232     sequence
234 <400> SEQUENCE: 13
235 gggcgagucg g
237 <210> SEQ ID NO: 14
238 <211> LENGTH: 11
239 <212> TYPE: RNA
240 <213> ORGANISM: Artificial Sequence
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247 gggcgugucg g
249 <210> SEQ ID NO: 15
250 <211> LENGTH: 11
251 <212> TYPE: RNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA

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256 sequence
258 <400> SEQUENCE: 15
259 gggcggaucg g 11
261 <210> SEQ ID NO: 16
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263 <212> TYPE: RNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
268 sequence
270 <400> SEQUENCE: 16
271 gggcgguucg g 11
273 <210> SEQ ID NO: 17
274 <211> LENGTH: 11
275 <212> TYPE: RNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
280 sequence
282 <400> SEQUENCE: 17
283 gggcgggccg g 11
285 <210> SEQ ID NO: 18
286 <211> LENGTH: 11
287 <212> TYPE: RNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
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292 sequence
294 <400> SEQUENCE: 18
295 gggcggggcg g 11
297 <210> SEQ ID NO: 19
298 <211> LENGTH: 11
299 <212> TYPE: RNA
300 <213> ORGANISM: Artificial Sequence
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303 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
304 sequence
306 <400> SEQUENCE: 19
307 gggcgguag g 11
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 11
311 <212> TYPE: RNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
316 sequence
318 <400> SEQUENCE: 20
319 gggcgguug g 11
321 <210> SEQ ID NO: 21

VERIFICATION SUMMARY

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Input Set : A:\258-235.txt

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L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8